

## DATASHEET

# Tryptase Mouse Monoclonal Antibody (ARM582)

CAT. NO. ARM6872

### KEY FEATURES

Target	Tryptase	Clone ID	ARM582
Source / Host	Mouse	Reactivity	Human
Applications	IHC	Dilution	1:100-1:200
Clonality	Monoclonal	Storage	-20°C

### BACKGROUND

Mast cell tryptase, also known simply as tryptase, is a highly abundant proteinase stored in basophils and the secretory granules of mast cells, which is released upon cellular activation. The enzyme is therefore considered a key marker for mast cell activation, as well as acting as a critical mediator of inflammation. Elevated levels of serum tryptase occur in both anaphylactic and anaphylactoid reactions. Anti-Tryptase acts as a good marker for mast cells, basophils, and their derivatives.

### APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

Application	IHC
Dilution Ratio	1:100-1:200

\*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

### PRODUCT OVERVIEW

Antibody Type	Primary antibodies
Isotype	IgG1, κ
Positive Control	Colon, Uterus tissues
Localization	Cytoplasmic
Form / Buffer	Tris Buffer, pH 7.3 - 7.7, with 1% BSA and <0.1% Sodium Azide
Purification	Purified
Conjugation	Unconjugated
Gene Symbol	TPSAB1
Entrez Gene ID	7177
Uniprot	Q15661
Alternative Names	Mast cell tryptase, TPSAB1

\*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact [info@arexbio.com](mailto:info@arexbio.com) or your local distributor.

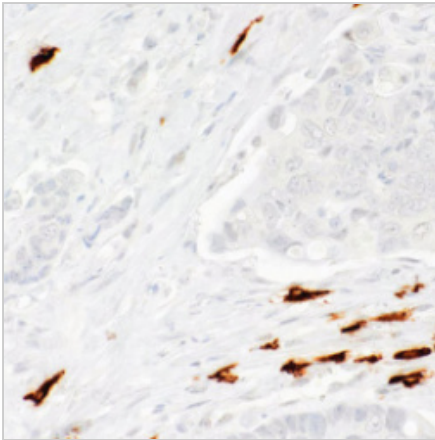
\*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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**STORAGE**

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

**DATA**

Immunohistochemical staining of human colon tissue using Tryptase Mouse Monoclonal Antibody (ARM582).

**RESEARCH USE ONLY**

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.

More information: [www.arexbio.com / tryptase-mouse-monoclonal-antibody-arm582-arm6872](http://www.arexbio.com/tryptase-mouse-monoclonal-antibody-arm582-arm6872)